

## Science GE DOK Alignment Chart

## LIFE SCIENCE

## Grades 1-2

## GE 30-34

DOK & NECAP Release Item Codes	GE Statement with Ceiling DOK	Science Concepts	Examples/Practice Items
<b>Enduring Knowledge: All living organisms and their component cells have identifiable characteristics that allow for survival.</b>			
<b>DOK 1</b> <b>LS1(K-4)POC-2</b> <b>LS1(K-4)POC-4</b>	<b>S1-2:30 (DOK 1)</b> <b>Students demonstrate their understanding of Structure and Function-Survival Requirements by...</b> • Observing and recording the parts that make up living things (i.e., <b>roots, stems, leaves, flowers, legs, antennae, tail, shell</b> ).	Science Concept: a. Living things ( <b>plants</b> and <b>animals</b> ) are made of parts that enable survival.	
<b>DOK 2</b> <b>LS1(K-4)POC-3</b>	<b>S1-2:31 (DOK 2)</b> <b>Students demonstrate their understanding of Reproduction by ...</b> • Drawing and labeling the stages of development in the life of a familiar <b>plant</b> or animal.	Science Concept: a. All organisms undergo stages of development that include being born, developing into adulthood, reproducing and dying. b. Most organisms come from male and female parents.	
<b>S1-2:32 Not assessed at this grade level.</b>			
<b>S1-2:33 Not assessed at this grade level.</b>			
<b>Enduring Knowledge: Energy enters an ecosystem in the form of sunlight and flows through the system to each cell. Matter interacts, changes and recycles in an ecosystem. Populations of organisms survive by maintaining interdependent relationships with one another and by utilizing biotic and abiotic resources from the environment.</b>			
<b>DOK 2</b> <b>LS2(K-4)POC-5</b> <b>LS2(K-4)POC-7</b>	<b>S1-2:34 (DOK 2)</b> <b>Students demonstrate their understanding of Energy Flow in an Ecosystem by...</b> • Experimenting with <b>plant</b> growth under different conditions, including light and no light.	Science Concept: a. <b>Plants</b> need light (energy) to survive.	

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## LIFE SCIENCE

## Grades 1-2

## GE 35-39

DOK & NECAP Release Item Codes	GE Statement with Ceiling DOK	Science Concepts	Examples/Practice Items
<b>Enduring Knowledge: Energy enters an ecosystem in the form of sunlight and flows through the system to each cell. Matter interacts, changes and recycles in an ecosystem. Populations of organisms survive by maintaining interdependent relationships with one another and by utilizing biotic and abiotic resources from the environment.</b>			
<b>DOK 2</b> <b>LS2(K-4)POC-6</b>	<b>S1-2:35 (DOK 2)</b> <b>Students demonstrate their understanding of Food Webs in an Ecosystem by...</b> <ul style="list-style-type: none"> <li>Acting out (dramatizing) or constructing simple diagrams, pictures or words that show what eats what.</li> </ul>	<b>Science Concept:</b> a. All <b>animals</b> depend on <b>plants</b> . Some <b>animals</b> eat <b>plants</b> for food; other <b>animals</b> eat <b>animals</b> (that eat <b>plants</b> ).	
<b>S1-2:36 Not assessed at this level.</b>			
<b>S1-2:37 Not assessed at this level.</b>			
<b>Enduring Knowledge: All living things exhibit patterns of similarity in their structures, behaviors and biochemistry</b>			
<b>S1-2:38 Not assessed at this level.</b>			
<b>DOK 2</b> <b>LS3(K-4)POC -7</b>	<b>S1-2:39 (DOK 2)</b> <b>Students demonstrate their understanding of Evolution/Natural Selection by...</b> <ul style="list-style-type: none"> <li>Identifying physical similarities and differences between living things today and things that <b>no longer live on earth</b> (e.g., wooly mammoth/elephant; reptiles/dinosaurs).</li> </ul>	<b>Science Concept:</b> a. Some kinds of organisms that once lived on earth have completely disappeared, although they were similar to others that are alive today.	

## Science GE DOK Alignment Chart

## HUMAN BODY

## Grades 1-2

## GE 40-43